

¹⁹⁸Os

The first refereed publication of the observation of ¹⁹⁸Os was the 2008 paper “Single-particle behavior at N = 126: Isomeric decays in neutron-rich ²⁰⁴Pt” by Steer et al. (2008St20). A 1 GeV/A ²⁰⁸Pb beam from the SIS-18 accelerator at GSI impinged on a ⁹Be target and the projectile fragments were selected and identified in-flight by the Fragment Separator FRS. The observation of the new neutron-rich osmium isotope was not specifically mentioned but ¹⁹⁸Os events are clearly visible and identified in the particle identification plot in the first figure.

Adapted from reference (2012Ro36)

[2008St20](#) S. J. Steer, Zs. Podolyak, S. Pietri, M. Gorska *et al.*, Phys. Rev. C **78**, 061302 (2008).

[2012Ro36](#) R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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